## **EAST Search History**

| Ref<br># | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--|---|---------------------|---------|------------------|
| L1       | 1    | "20040108508"  | US-PGPUB;<br>USPAT  | OR                  | OFF     | 2006/09/22 11:51 |
| L2       | 16   | (active adj layer) and (lower adj cladding) and ((first and second) adj (upper adj cladding)) and (etching adj stopper) and (refractive adj index) | US-PGPUB;<br>USPAT  | OR                  | ON      | 2006/09/22 11:53 |
| S1       | 1    | ("5903585").PN.  | US-PGPUB;<br>USPAT  | OR                  | OFF     | 2006/09/22 11:21 |
| S2       | 1154 | (active adj layer) and ((upper and lower) adj clad\$)  | US-PGPUB;<br>USPAT  | OR                  | OFF     | 2005/02/04 14:38 |
| S3       | 113  | S2 and (etch adj stop)   | US-PGPUB;<br>USPAT  | OR                  | OFF     | 2005/02/04 14:38 |
| S4       | 44   | S3 and stripe  | US-PGPUB;<br>USPAT  | OR                  | OFF     | 2005/02/04 14:38 |
| S5       | 2    | "20020061044"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/08/17 16:12 |
| S6       | 485  | (active adj layer) and (((first and<br>second) or (upper and lower)) near<br>(cladding adj layer)) and (etch\$4<br>adj stop)                       | US-PGPUB;<br>USPAT;<br>JPO  | OR                  | ON      | 2006/09/17 23:01 |
| S7       | 460  | (active adj layer) and (((first and second) or (upper and lower)) adj (cladding adj layer)) and (etch\$4 adj stop)                                 | US-PGPUB;<br>USPAT;<br>JPO  | OR                  | ON      | 2006/09/17 23:02 |
| S8       | 288  | S7 and @ad<"20020611"  | US-PGPUB;<br>USPAT;<br>JPO  | OR                  | ON      | 2006/09/17 23:02 |
| S9       | 70   | S8 and (AlGaAs and AlGaInP)  | US-PGPUB;<br>USPAT;<br>JPO  | OR ·                | ON      | 2006/09/17 23:40 |
| S10      | 2    | "6810055"  | US-PGPUB;<br>USPAT;<br>JPO  | OR                  | ON      | 2006/09/17 23:41 |
| S11      | 1    | "6771586"  | US-PGPUB;<br>USPAT;<br>JPO  | OR .                | ON      | 2006/09/17 23:41 |
| S12      | 3341 | (mach-zehnder adj interferometer)  | US-PGPUB;<br>USPAT  | OR                  | OFF     | 2006/09/21 11:41 |
| S13      | 2    | S12 and (ballistic adj electrons)  | US-PGPUB;<br>USPAT  | OR                  | OFF     | 2006/09/21 11:43 |

## **EAST Search History**

| S14 | 0   | "10812197"      | US-PGPUB;<br>USPAT | OR | OFF | 2006/09/21 11:43 |
|-----|-----|-----------------|--------------------|----|-----|------------------|
| S15 | 1   | "10/812197"     | US-PGPUB;<br>USPAT | OR | OFF | 2006/09/21 12:38 |
| S16 | 1   | "20050021993"   | US-PGPUB;<br>USPAT | OR | OFF | 2006/09/21 16:19 |
| S17 | . 1 | ("6815831").PN. | US-PGPUB;<br>USPAT | OR | OFF | 2006/09/21 16:42 |
| S18 | 1   | ("6465808").PN. | US-PGPUB;<br>USPAT | OR | OFF | 2006/09/21 16:42 |